

Ser. No. 10/619,294, AAFR August 2007

IN THE CLAIMS:

1.-8. (canceled)

9. (currently amended): The loudspeaker of claim 8,

A loudspeaker for outputting sound in a frequency range including a lowest frequency f , the lowest frequency f having a wave number k ; the loudspeaker comprising:

a generally arcuate source of wind pulsating at the frequency f , the source having an arcuate radius r such that a quantity rk is approximately equal to or larger than one;

wherein r is greater than 1.00 feet;

wherein the generally arcuate source of wind describes an arc of the radius r from a single center point, and further comprising a mount for mounting at least one symmetry baffle aligned substantially perpendicular to a plane including the arcuate source and its radius; and

wherein a center point of the arc lies adjacent the symmetry baffle;

whereby wind is converted into sound at the lowest frequency f and bass response is improved.

10.-19. (canceled)

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20. (currently amended): The method of claim 19, comprising:

A method of creating sound of a frequency f , having a wave number k ; the method comprising:

providing a generally arcuate source of pulsating wind having an outer arcuate radius r such that a quantity rk is approximately equal to or larger than one; and

pulsating the wind at the frequency f , whereby the pulsating wind is converted into sound at the frequency f with a high radiation efficiency;

providing a central baffle aligned with a plane defined by the generally arcuate source of wind; and

providing at least one symmetry baffle aligned substantially perpendicular to the central baffle, and wherein the step of providing a generally arcuate source of pulsating wind includes providing the arcuate source around an arc to meet the symmetry baffle generally perpendicularly;

wherein r is greater than 1.00 feet.

21.-28. (canceled)